



MITSUBISHI HEAVY INDUSTRIES AMERICA, INC.
AIRCRAFT PRODUCT SUPPORT DIVISION

June 7, 2000

National Transportation Safety Board
624 Six Flags Drive, Suite 150
Arlington, TX 76011

Attention: Jason A. Ragogna

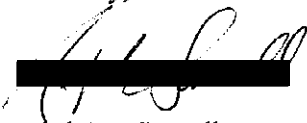
Subject: Test for Oil Leak at Torque Transducer "B-nuts"

Dear Mr. Ragogna,

Per your request during our meeting on May 16, 2000, Norm Beauregard conducted a leak check for loss of oil with a "finger tight" fitting at the torque transducer on an MU-2B aircraft at Intercontinental Jet Corporation of Tulsa, OK. The results of the test indicated that an oil leak did not develop. Of course, while this test was conducted with hand-tightened "B-nuts", it must be understood that if the nuts were to continue to be loosened, at some point, an oil leak would develop.

Hopefully the attached report will assist you in your investigation. Please contact me if you have any questions.

Sincerely,



Ralph M. Sorrells
Deputy General Manager

cc: Georgia Snyder

Inter – Office Memo

Date: 6-5-2000

To: Ralph Sorrells

From: Norm Beauregard

Subject: Torque Transducer High and Low pressure port "B" nut security relating to A/C 386

Ralph,

At the request of the NTSB, I conducted the following test on A/C SN 623 at IJC in Tulsa, OK.

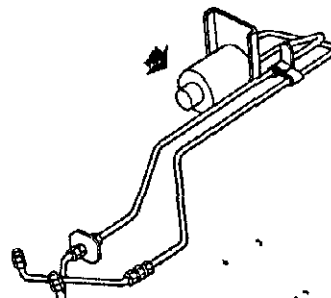
Torque Transducer Leak Test

1. The right torque transducer "B" nuts were completely loosened and re-tightened to finger tight.
2. The right engine was started and operated in ground idle beta mode for approximately two minutes.
3. The prop was released from the start locks and the power lever was advanced to the prop governing mode and to approximately 40% torque. No fluctuations were observed.
4. Oil pressure was 80 psi. with an oil temp. of 90 degrees. Both were stable.
5. The engine was shut down and the prop put back on the start locks.

Torque Transducer Location

Right upper wing between wing stations 1950 and 2590, behind the engine.

W.S. 2590
W.S. 2250
W.S. 1950



Summary

Following the engine run a visual inspection was performed for suspected leakage. No leaks or evidence of any leaks were found.